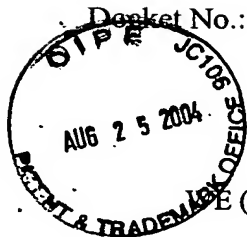


Docket No.: 2343-185-27



## Declaration, Power of Attorney and Petition

I (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD FOR DETERMINING SUPERFICIAL RESIDUAL STRESS AS APPLIED TO  
MACHINED, MECHANICALLY OR THERMALLY PROCESSED SURFACES**

the specification of which

☐ is attached hereto.

☒ was filed on April 16, 2004

as Application Serial No. 10/825,181

and amended on \_\_\_\_\_

☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Priority Claimed
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

We (I) hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

<u>60/463,160</u>	<u>April 16, 2003</u>
(Application Number)	(Filing Date)
<u>                    </u>	<u>                    </u>
(Application Number)	(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>

And we (I) hereby appoint Steven B. Kelber, Reg. No. 30,073; Jerold I. Schneider, Reg. No. 24,765; Dale Lazar, Reg. No. 28,872; John Pike, Reg. No. 41,253; James M. Heintz, Reg. No. 41,828; Perry E. Van Over, Reg. No. 42,197; Lisa K. Norton, Reg. No. 44,977; Patrick R. Delaney, Reg. No. 45,338; Michael Ye, Reg. No. 47,195; Christopher W. Raimund, Reg. No. 47,258; Ping Wang, Reg. No. 48,328; and Susan Jensen, M.D., Reg. No. 55,775 as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to Supervisor, Patent Prosecution Services, Piper Rudnick LLP, 1200 Nineteenth Street, N.W., Washington, D.C. 20036-2412.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

John T. BERRY

NAME OF FIRST INVENTOR

Residence: 25 Rolling Fork

Columbus, MS 39705

John T Berry 27 July '04

Signature of Inventor

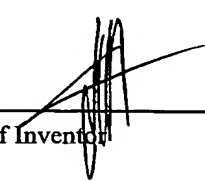
Citizen of: United States

Post Office Address: Same As Above

                      
Date

John E. WYATT

NAME OF SECOND JOINT INVENTOR

  
Signature of InventorJULY 28<sup>TH</sup> 2004

Date

Residence: ~~33 Bulldog Circle~~~~Mississippi State, MS 39762~~2401 PIN OAK DR. STARKVILLE  
MS 39759Citizen of: United KingdomPost Office Address: Same As AboveSAME AS ABOVE.

NAME OF THIRD JOINT INVENTOR

Signature of Inventor

Date

Residence: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

NAME OF FOURTH JOINT INVENTOR

Signature of Inventor

Date

Residence: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

NAME OF FIFTH JOINT INVENTOR

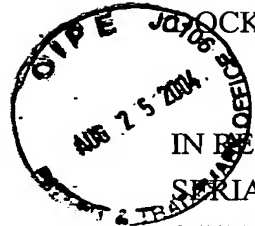
Signature of Inventor

Date

Residence: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Post Office Address: \_\_\_\_\_



POCKET NO. 2343-185-27

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: JOHN T. BERRY, ET AL.

ART UNIT: 2857

SERIAL NO.: 10/825,181

EXAMINER: UNASSIGNED

FILING DATE: APRIL 16, 2004

FOR: METHOD FOR DETERMINING SUPERFICIAL RESIDUAL STRESS AS  
APPLIED TO MACHINED, MECHANICALLY OR THERMALLY  
PROCESSED SURFACES

**LIST OF 10 PRACTITIONERS TO BE  
RECOGNIZED BY THE OFFICE AS BEING OF RECORD**

COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

Please recognize the following ten (10) practitioners as being of record in the  
above-captioned patent or patent application:

1) Steven B. Kelber	Registration No. 30,073
2) Jerold I. Schneider	Registration No. 24,765
3) Dale S. Lazar	Registration No. 28,872
4) James M. Heintz	Registration No. 41,828
5) Lisa K. Norton	Registration No. 44,977
6) John K. Pike	Registration No. 41,253
7) Christopher W. Raimund	Registration No. 47,258
8) Perry E. Van Over	Registration No. 42,197
9) Ping Wang	Registration No. 48,328
10) Michael Ye	Registration No. 47,195

Respectfully submitted,

PIPER RUDNICK LLP

Date

*Aug 25, 2004*  
1200 Nineteenth Street, N.W  
Washington, D.C. 20036-2412  
Telephone No. (202) 861-3900  
Facsimile No. (202) 223-2085

*[Signature]*  
Steven B. Kelber  
Registration No. 30,073

*[Signature]*  
Perry E. Van Over  
Registration No. 42,197